

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

MARCH, 1917.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

CONTENTS.

	Page.		Page.
Changes in directory.....	29	Summary of instructions for preparing and rendering meat-inspection forms and keeping station records.....	34
Notices regarding meat inspection:		Substance permitted for official dipping.....	36
1917 campaign against flies.....	31	Permitted dips for cattle and sheep.....	36
Proper methods of taking samples of vegetable and animal oils.....	31	Texas fever quarantine—Places to which Southern cattle may be shipped for immediate slaughter.....	37
Meat-inspection forms and station records.....	31	Unloading immunized swine in transit for feed, water, and rest.....	37
Distribution of new publication on Federal meat-inspection service.....	32	Inspection and testing of animals for Canada.....	37
Animals slaughtered under Federal meat inspection, February, 1917.....	32	Violations of laws.....	37
Imports of food animals and of meats and meat food products.....	33	Publications in March.....	38
Foreign officials authorized to sign inspection certificates for meat and products for importation into the United States.....	33	Organization of the Bureau of Animal Industry.....	39

CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

20-Z. Wilson & Co. (Inc.), and Wilson & Co., and Wilson & Co. (Inc.) of Tennessee, Alton Park Station, Chattanooga, Tenn.

1009. Conron Bros. Co., 643-645 Brook Avenue, New York, N. Y.

1-BB. Morris & Co., 148 Lyman Street, Springfield, Mass.

85. White City Cold Storage Co., Thirty-ninth Street near Robey; mail, 630 Postal. Telegraph Building, Chicago, Ill.

*826-A. J. H. Allison & Co., Middle Street; mail, 1201-1203 Fort Street, Chattanooga, Tenn.

Henry Jilg, 1519 First Avenue, Seattle, Wash.

*838. J. A. Whitfield Co., Frederick, Md.

*Conducts slaughtering.

Meat Inspection Discontinued.

*643. Peter Mode, 2871 Massachusetts Avenue, Cincinnati, Ohio.

Meat Inspection Reinaugurated Following Suspension.

427. Richardson & Robbins Co., Dover, Del.

Meat Inspection Temporarily Suspended.

67. Fairfax Southern Foods (Inc.), 408 West Thirteenth Street, New York, N. Y.

145. Merchants & Planters Oil Co., Lone Oak Street, Houston, Tex.

663. Reinicker & Alvey, 3310 Harford Avenue, Baltimore, Md.

*188. Clement E. Allen (Inc.), Media, Pa.

113. P. D. Hughes, 558 Berkley Street, Camden, N. J.

*187. J. C. Palmer, Charleston, Tenn.

Changes in Addresses of Establishments.

*279. The Nuckolls Packing Co., Santa Fe Avenue and Spring Street; mail, post office box 861, Pueblo, Colo., instead of 705 South Front Street.

*84. Charles Pancero, 2871 Massachusetts Avenue, Cincinnati, Ohio, instead of 3910 Ludlow Avenue.

Changes in Names of Establishments.

*150 Morris & Co. and Joseph Stern & Sons (Inc.), Foot West Fortieth Street, New York City, instead of Joseph Stern & Sons (Inc.).

77. John N. Ladensack Co., 24 Clinton Street, Boston, changed to establishment 879-B, Chamberlain & Co. (Inc.), same location.

77-A. John N. Ladensack Co., 41 Richmond Street, Boston, changed to establishment 879-C, Chamberlain & Co. (Inc.), same location.

77-B. John N. Ladensack Co., 16-18 Clinton Street, Boston, changed to establishment 879-D, same location.

Stations Added.

Dover, Del., meat inspection (substation of Philadelphia, Pa.).

College Park, Md., educational and demonstrational hog cholera work, Dr. I. K. Atherton, care Maryland State College of Agriculture.

Frederick, Md., meat inspection, Dr. C. B. Weagly.

Chattanooga, Tenn., meat inspection, Dr. F. H. Collins, Middle Street, Station B. (Changed from substation to station.)

Imperial, Cal., inspection of plants manufacturing viruses, serums, and toxins, Dr. J. C. Murphey, care Imperial Serum Co.

Stations Discontinued.

Media, Pa., meat inspection (substation of Philadelphia, Pa.).

Charleston, Tenn., meat inspection (substation of Morristown, Tenn.).

Changes of Officials in Charge.

Wheeling, W. Va., Dr. C. L. Norris instead of Dr. C. F. Payne.

Denver, Colo., Dr. C. F. Payne instead of Dr. J. C. Exline.

Walla Walla, Wash., Dr. J. C. Exline instead of Dr. Wm. Hamilton.

Change in Address of Official in Charge.

Dr. L. P. Beechy, 103 Horticultural Building, Ohio State University, Columbus, Ohio, instead of room 48, Federal Building.

Note.

Meat inspection granted at establishment 166-A, St. Louis Independent Packing Co., 3857 Chouteau Avenue, St. Louis, Mo., to include also the Missouri Butterine Co., of St. Louis.

* Conducts slaughtering.

NOTICES REGARDING MEAT INSPECTION.

1917 CAMPAIGN AGAINST FLIES.

During the coming fly season a systematic and continuous warfare must be waged against flies at official establishments. Inspections to ascertain the prevalence of flies in various establishments made last summer showed better conditions than the previous year, but still much room for improvement. Establishment officials and bureau employees are requested to cooperate in order that inspections to be made this year may show effective fly control in inspected establishments. In preparation for this campaign a survey of the premises of official establishments should be made now, to provide for the removal and disposal of all fly-breeding material. Fly-fighting equipment such as screens, fly traps, fans, etc., should be promptly mobilized in order that the first flies may be captured. Inspectors and establishment officials who desire copies of Service and Regulatory Announcements of January and March, 1916, which describe how to construct fly traps and properly bait and maintain them should apply to the Chief of the Bureau of Animal Industry, Washington, D. C.

PROPER METHOD OF TAKING SAMPLES OF VEGETABLE AND ANIMAL OILS.

All samples of vegetable and animal oils to be submitted for laboratory examination should be either transferred directly into the sample bottle or taken from the original container by means of a glass pipette. Under no conditions should samples of this sort be drawn through a rubber tubing or allowed to come in contact with rubber in any way.

MEAT-INSPECTION FORMS AND STATION RECORDS.

The following instructions are given in addition to the tabular statement appearing on pages 34-35:

A new form, M. I. 124 BB, is being printed and a supply will be forwarded, when ready for distribution, to all stations where they can be used. This new form will take the place of M. I. Form 124 B for reporting bureau activities in all official establishments which do no slaughtering, the M. I. Form 124 B being used only for slaughtering establishments. The instructions in January Service and Regulatory Announcements for handling the M. I. 124 B will also cover the rendering and office record for the M. I. 124 BB.

Forms M. I. 113 A, 124 A, 124 B, and 124 BB need not be rendered for days when there is nothing to report.

Inasmuch as cysticercus carcasses placed in refrigeration, meats from carcasses and parts passed for sterilization which are to be handled in accordance with the provisions of section 3 of regulation 15, and pork products which are to be treated under bureau supervision for entering into food preparations which are commonly eaten uncooked, are under bureau control during such refrigeration or processing, it is necessary that memorandum or other records covering the handling of such meats and products be kept at establishments having any or all of these classes of work.

At stations having five or more establishments it is requested that the monthly reports be forwarded to the Washington office as follows: After copying arrange each group of forms, such as M. I. Forms 109, 110, 113, etc., in the numerical order of the establishments, without folding. When ready for mailing put them in a large manila envelope without folding, except such groups (not each separate report) as M. I. 110 and M. I. 130, as it may be necessary to fold to place in the envelope. At stations having less than five establishments fold each report before mailing, placing as many reports in each envelope as it will hold. No monthly report should be folded within another, except that the M. I. 113 reports may be folded within the M. I. 114 to which they pertain.

In forwarding the daily M. I. 112 series, the M. I. 112 D and M. I. 112 F should always be folded within the M. I. 112 to which they belong.

DISTRIBUTION OF NEW PUBLICATION ON FEDERAL MEAT-INSPECTION SERVICE.

An article entitled "The Meat-Inspection Service of the United States Department of Agriculture" is being issued as Separate 714 from the Department Yearbook for 1916. Copies of this pamphlet are being forwarded to the several meat-inspection stations in sufficient numbers to supply one for each of the employees at such stations. Inspectors in charge will please see that they are distributed accordingly.

Additional copies may be had, on regular station requisition, for distribution to persons outside of the service whose business or profession may be such as to make the article of interest to them. However, in order that the bureau's supply may be properly conserved, the requests for additional copies should not exceed such need. If the supply first ordered is found to be inadequate, requisition for an additional supply can be made.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION,
FEBRUARY, 1917.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	155,811	37,801	231,319	201	628,540
Fort Worth.....	40,552	10,667	6,076	6,352	132,998
Kansas City.....	76,566	13,489	108,298	646	245,933
National Stock Yards.....	43,209	11,917	18,996	1,539	134,730
Omaha.....	58,609	3,667	174,241	1	243,277
Sioux City.....	19,095	9,950	18,589	50	129,682
South St. Joseph.....	24,045	2,353	55,441	10	192,659
All other establishments.....	244,889	100,784	205,633	690	1,776,195
Total: February, 1917.....	662,776	181,628	818,593	9,489	3,484,014
February, 1916.....	549,956	143,262	903,755	1,729	4,275,567
8 months ending February, 1917.....	6,338,662	1,560,902	8,362,212	125,830	28,812,450
8 months ending February, 1916.....	5,119,247	1,129,236	8,511,935	97,607	27,761,818

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD
PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during February, 1917, with figures for other periods for comparison:

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	18,629	500	43,942	1,615
Canada.....	2,624	24	339	.....
Great Britain.....	12	3	.....	.....
Total: February, 1917.....	21,265	527	44,281	1,615
February, 1916.....	7,372	505	3,637	292
8 months ending February, 1917.....	257,848	2,240	145,194	18,526
8 months ending February, 1916.....	382,173	4,257	195,363	75,220

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....			39,500	84,088	123,588
Brazil.....	200,818				200,818
Canada.....	142,479	83,241	9,629	34,082	269,431
Uruguay.....			190,214		190,214
Other countries.....			10,745	1,165	11,910
Total: February, 1917.....	343,297	83,241	250,088	119,335	795,961
February, 1916.....	7,974,121	4,373,504	73,906	19,978	12,441,509
8 months ending February, 1917.....	14,279,740	1,956,810	1,263,255	765,139	18,264,944
8 months ending February, 1916.....	73,314,704	14,920,699	2,187,443	1,412,031	91,834,877

Condemned in February, 1917: Beef, 9,459 pounds; pork, 4 pounds; total, 9,463 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
<i>Japan.</i> R. Hirose, Ehime-Ken.	<i>R. Hirose.</i>
M. Shimada, Ehime-Ken.	<i>M. Shimada</i>
<i>Spain.</i> Dr. Antonio Darder (Llimona) Barcelona.	<i>Antonio Darder</i>

Names Removed from List.

Names and addresses of foreign officials whose authority to sign and issue foreign meat-inspection certificates for meat and products exported to the United States have been revoked by their national Government:

Japan.

H. Kawasoe, Ehime Prefecture.
S. Ogawa, Ehime Prefecture.

SUMMARY OF INSTRUCTIONS FOR PREPARING AND RENDERING MEAT-INSPECTION FORMS AND KEEPING STATION RECORDS.

No. of form.	When prepared.	By whom prepared.	Number prepared.	Destination.	Purpose.	Station record.
A-15.....	Annually.....	Local office.....	One for each employee. Single.....	Station file.....	Leave and personnel record.....	The form.
M. 1. 101.....	First and third Wednesdays.	.....do.....	.....do.....	Washington.....	Time report.....	Press copy if desired.
102.....	Daily.....	All employees.....	.....do.....	Station file.....	.....do.....	The report.
109.....	Monthly.....	Local office.....	.....do.....	Washington.....	Movement of meats.....	Press copy.
109-C.....	For each transfer.	Bureau employee.	Duplicate.....	Bureau file at establishments	Intrastation transfer of meats.....	Original and duplicate.
109-D.....	As required.....	Official establishment.	Single.....	Station file.....	Request to seal cars.....	The request.
109-E.....	For each sealed car	Bureau employee.	Single or duplicate	Affixed to sealed cars.....	Warning notice.....	Press copy of original or duplicate.
109-EE.....	For each sealed tank car.	.....do.....	.....do.....	Affixed to sealed tank cars.....	.....do.....	.....
109-F.....	For each sealed car	Bureau employee or local office.	Duplicate.....	One copy to inspector at destination, one to Washington.	Notice of meats shipped in sealed cars.....	.....
109-FF.....	For each shipment	Customs official or inspector in charge.	.....do.....	Original to inspector at destination, duplicate to Washington.	Notice of import meat shipped under seal for inspection.	The stub of the form.
109-J.....	For each inspection.	Local office.....	Single.....	Washington.....	Report of import meats.....	Press copy.
109-JJ.....	.....do.....	Bureau employee.	.....do.....	Local office.....	Inspection of import meats.....	The report.
109-L.....	.....do.....	Local office.....	.....do.....	Customs official.	.....do.....	Press copy.
110.....	Monthly.....	.....do.....	.....do.....	Washington.....	Supervision of preparation of meat food products.	Do.
112.....	As required.....	.....do.....	.....do.....	.....do.....	Daily summary of suspect, retained, and condemned animals and carcasses.	Do.
112-D.....	.....do.....	Veterinary inspector.	.....do.....	Local office and Washington.	Daily summary of post-mortem examination of suspect and retained carcasses.	Do.
112-F.....	.....do.....	.....do.....	Duplicate.....	.....do.....	Daily report of post-mortem examination of suspect and retained carcasses.	The original.
113.....	Monthly.....	Local office.....	One for each class of product condemned. Single.....	Washington.....	Products condemned on reinspection.....	Press copy.
113-A.....	As required.....	Bureau employee at establishment.	.....do.....	Local office.....	.....do.....	The report.
114.....	Monthly.....	Local office.....	.....do.....	Washington.....	Report of sterilization and tanning.....	Press copy.
114-A.....	As required.....	Bureau employee at establishment.	.....do.....	Local office.....	.....do.....	The report.
115.....	Monthly.....	Local office.....	.....do.....	Washington.....	Report on sanitation.....	Press copy
115-A.....	Weekly or oftener.	Bureau employees at establishment.	.....do.....	Local office.....	.....do.....	The reports.
116.....	As required.....	Local office.....	.....do.....	Washington.....	Export shipments of meat packed in preservatives.	Press copy.
116-A.....	.....do.....	The exporter.....	.....do.....	Station file.....	Request for preservative certificate or stamps.....	The request.
116-B.....	.....do.....	Local office.....	.....do.....	Station file when returned by exporter.	Receipt for preservative certificates.....	The receipt.
119.....	.....do.....	Bureau employee.	.....do.....	Station file.....	Report of ante-mortem inspections.....	The report.
119-A.....	.....do.....	.....do.....	.....do.....	.....do.....	Identification tag.....	The tag.

120.....	.do.....	.do.....	.do.....	Daily report of post-mortem work at establishment.	The report.
121.....	Local office.....	.do.....	Washington.....	Report of regular certificates and stamps used.	Press copy.
121-A.....	The exporter.....	.do.....	Station file.....	Request for regular certificates and stamps.	The receipt.
121-B.....	Local office.....	.do.....	Station file when returned by exporter.	Receipt for regular certificates.	The receipt.
122.....	.do.....	.do.....	Washington.....	Report of inedible product certificates.	Press copy.
122-A.....	The exporter.....	.do.....	Station file.....	Request for inedible product certificates.	The receipt.
122-B.....	Local office.....	.do.....	Station file when returned by exporter.	Receipt for inedible product certificates.	The receipt.
124-A.....	Daily.....	.do.....	Station file.....	Daily report of operations at establishment.	The report.
124-B.....	.do.....	.do.....	Official establishments which slaughter.	Daily report of bureau work at establishment.	Press copy.
124-BB.....	.do.....	.do.....	Official establishments which do not slaughter.	Daily report of bureau work at establishment.	Do.
126.....	As requested.....	.do.....	One copy to official establishment, one for station file.	Certificate for disposal of animal on ante-mortem or post-mortem inspection.	The duplicate.
128.....	As required.....	Bureau employee.....	Local office.....	Memorandum of establishments inspected.	The report.
130.....	Monthly.....	Local office.....	Washington.....	Report of daily ante-mortem and post-mortem inspections.	Press copy.
131.....	As requested.....	.do.....	Official establishment.....	Permit to return alleged unsound meats.	Duplicate and triplicate copy of M. I. Form 131-A.
131-A.....	As required.....	.do.....	One copy to Washington, one to bureau employee at establishment.	Copy of M. I. Form 131.	Do.
131-B.....	For each inspection.....	.do.....	Washington.....	Disposal of products returned under permit.	Press copy.
134.....	For each condemnation.....	.do.....	One copy to inspector in charge of shipping station, one to Washington, one for station file.	Report of condemnations of products from other establishments.	The triplicate.
140.....	Monthly.....	.do.....	Washington.....	Report of handling of meats for sterilization and canning.	Press copy.
140-A.....	As required.....	Bureau employee.....	Station file.....	Daily report of handling sterilization products.	The report.
148.....	For each inspection.....	.do.....	Washington.....	Daily report of meats inspected for United States Navy and other departments.	Press copy.
150.....	For each appeal.....	Bureau inspector.....	.do.....	Appeal from inspector's decision.	Do.
151.....	Monthly.....	Local office.....	.do.....	Report of branding.	Do.
151-A.....	As required.....	.do.....	.do.....	Report of bureau brands returned.	Do.
152.....	.do.....	.do.....	.do.....	Report of violation of meat-inspection act.	Do.
160.....	.do.....	Laboratory inspector.....	Washington through station submitting sample.	Report on samples not conforming to the regulations.	Entry on M. I. Form 161.
161.....	.do.....	Local office.....	One copy to laboratory and when returned with findings, forwarded to Washington; duplicate for station file.	Report on samples collected.	Duplicate carbon copy.
161-A.....	.do.....	.do.....	.do.....	Report on samples of import meats.	Do.
162, 162-A.....	For each sample.....	Bureau employee.....	Attached to containers of samples for laboratory analysis.	Identification labels for samples.	Entries on Forms 161 and 161-A.
166, 167, 168, 170, B, C, 22.....	As required.....	Laboratory inspector.....	Laboratory file.....	Office records of sample analyses.	

SUBSTANCE PERMITTED FOR OFFICIAL DIPPING.

"Union Lime and Sulphur Solution," a lime-sulphur dip, is permitted by the department in the official dipping of cattle and sheep for scabies. Dilutions permitted: For cattle, 1 gallon of the dip to not more than $14\frac{1}{2}$ gallons of water; for sheep, 1 gallon of the dip to not more than $19\frac{1}{2}$ gallons of water.

PERMITTED DIPS FOR CATTLE AND SHEEP.

The following is a revised list of the proprietary dips permitted for use in the official dipping of cattle and sheep for scabies and cattle for ticks, in accordance with provisions of B. A. I. Order 245:

Name of dip.	Gallons of dip.	Gallons of water.	
		For cattle.	For sheep.
<i>Lime-sulphur dips for cattle and sheep for scabies.</i>			
The Adams Lime and Sulphur Dip.....	1	15	20½
The Anchor Brand Lime and Sulphur Dip.....	1	13	17½
Armstrong's Lime and Sulphur Dip.....	1	12½	17
Devoe Lime and Sulphur Solution.....	1	14½	20
Dow Lime-Sulphur Solution.....	1	14½	20
Eckman's Lime-Sulphur Solution.....	1	15	20½
Grasselli Lime-Sulphur Solution.....	1	15	20½
Latimer's Lime-Sulphur Solution.....	1	14½	20
Lilly's Lime and Sulphur Solution.....	1	13¾	18½
National Lime and Sulphur Dip.....	1	5	7
Niagara Lime and Sulphur Solution.....	1	14	19
Orchard Brand Lime and Sulphur Solution.....	1	15	20½
Rex Lime and Sulphur Solution.....	1	15	20½
Richard's Lime and Sulphur Dip.....	1	9¾	13½
Sherwin-Williams Lime-Sulphur Solution.....	1	13	17½
Sherwin-Williams No. 15 Cattle Dip.....	1	15	20½
Union Lime and Sulphur Solution.....	1	14½	19½
Upon Honor Lime-Sulphur Wash.....	1	12½	17
<i>Nicotin dips for cattle and sheep for scabies.¹</i>			
Black Leaf Tobacco Extract.....	1	70	70
Black Leaf 40.....	1	960	960
Skabcura.....	1	832	832
<i>Arsenical cattle dips for ticks.</i>			
Tixol.....	1	100	.....
Cooper's Cattle Dip.....	1	127	.....
Kil-tik.....	1	74	.....

¹ The prescribed quantities of nicotin dips should give a dilution of five one-hundredths of 1 per cent of nicotin. To each 100 gallons of the dipping baths $16\frac{1}{2}$ pounds of flowers of sulphur should be added for dipping diseased *sheep* to prevent reinfection.

TEXAS FEVER QUARANTINE—PLACES TO WHICH SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER.

The following changes have been made in the list published in Service and Regulatory Announcements for December, 1916, of places to which southern cattle may be shipped for immediate slaughter under State and Federal permission:

Additions.

Florida, Jacksonville: Jacksonville Cattle Co.; Interstate Stock Yards Co. (Armour & Co.).

Illinois, Cairo: E. Bucher Packing Co.

Louisiana, Shreveport: Shreveport Packing Co.

Ohio, Cincinnati: The Cincinnati Abattoir Co.

Permission Withdrawn.

Indiana, Terre Haute: Home Packing Co.
Ohio, Cincinnati: The Union Stock Yards.

UNLOADING IMMUNIZED SWINE IN TRANSIT FOR FEED, WATER, AND REST.

Interstate shipments of immunized swine may be unloaded en route at a public stock yard for feed, water, and rest, provided that the destination named on the railroad billing is a point beyond the public stock yard and that the shipments are accompanied by a certificate issued by a competent veterinarian showing that the animals have been inoculated against hog cholera by the serum-alone method or the simultaneous method. When such shipments are unloaded at a public stock yard, the animals before being reloaded shall be disinfected under bureau supervision in compliance with disinfection requirements indicated in Regulation 6, B. A. I. Order 245. After disinfecting, the swine should be loaded in cleaned and disinfected cars or other vehicles. It should be understood that the foregoing instructions do not apply when in conflict with the requirements of the State at destination.

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Names Added to List.

Dr. W. F. Jones, McCook, Nebr.
Dr. Charles J. Gruber, Fort Wayne, Ind.

Name Removed From List.

Dr. P. H. Johnson, Colville, Wash.

VIOLATIONS OF LAWS.

Fines and penalties were imposed in prosecutions for violations of regulatory laws as reported to the bureau during the month of March, 1917, as follows:

Meat-Inspection Law.

John E. Weaver's Sons, Lancaster, Pa., \$100.
Samuel J. Levine, New York, N. Y., \$50.

Twenty-eight Hour Law.

Atchison, Topeka & Santa Fe Railroad Co., \$100 and \$15.95 costs.
New York Central and Hudson River Railroad Co. (15 cases), \$1,700 and \$253.70 costs.

Pere Marquette Railroad Co., \$200 and costs.
Grand Trunk Railway Co., \$200 and costs.
Milwaukee, St. Paul & Sault Ste. Marie Railway Co., \$100 and costs.
Michigan Central Railroad Co., \$185 and costs.
Chicago, Milwaukee & St. Paul Railway Co. (2 cases), \$300 and costs.
Louisville & Nashville Railroad Co. (2 cases), \$200 and costs.
Delaware & Hudson Co., \$100 and costs.
Baltimore & Ohio Railroad Co., \$100 and \$17.05 costs.
Chicago & Alton Railroad Co., \$100 and costs.
American Express Co., \$100 and \$14.90 costs.
Delaware, Lackawanna & Western Railway Co., \$100 and \$28.25 costs.
Kansas City Southern Railway Co., \$200 and \$14.70 costs.

Quarantine Laws.

Chicago, Rock Island & Pacific Railroad Co., interstate shipment in violation of regulations regarding shipment of dead animals, \$100 and \$19 costs.

St. Louis & San Francisco Railroad Co., interstate shipment in violation of regulations regarding shipment of dead animals, \$100 and \$23 costs.

Miscellaneous.

Peter Oosternyk, for interference with performance of official duties of bureau inspector, \$1.

PUBLICATIONS IN MARCH.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Farmers' Bulletin 765. Breeds of Swine. By F. G. Ashbrook, Animal Husbandry Division. Pp. 16, figs. 14.

Farmers' Bulletin 791. Turkey Raising. By Andrew S. Weiant, Animal Husbandry Division. Pp. 27, figs. 15.

Transformation of Pseudoglobulin into Euglobulin. By W. N. Berg, physiologist, Pathological Division. Pp. 449-456. (Reprint from Journal of Agricultural Research, Mar. 19, 1917.)

Yearbook Separate 707. An Experiment in Community Dairying. By R. R. Welch, Dairy Division. Pp. 8, pl. 1, fig. 1.

Yearbook Separate 709. Progress in Handling the Wool Clip: Development in the West. By F. R. Marshall, Animal Husbandry Division. Pp. 10, pls. 4.

Yearbook Separate 714. The Meat-Inspection Service of the United States Department of Agriculture. By George Ditewig, Meat Inspection Division. Pp. 21, pls. 11, figs. 3.

Yearbook Separate 718. Cooperative Bull Associations. By Joel G. Winkjer, Dairy Division. Pp. 9, pls. 3, fig. 1.

Keep Tuberculosis Out of Your Swine. (Two-color poster.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: A. D. MELVIN.

Assistant Chief: JOHN R. MOHLER.

Chief Clerk: CHARLES C. CARROLL.

Editor: JAMES M. PICKENS.

Animal Husbandry Division: GEORGE M. ROMMEL, chief.

Biochemic Division: M. DORSET, chief.

Dairy Division: B. H. RAWL, chief.

Field Inspection Division: R. A. RAMSAY, chief.

Meat Inspection Division: R. P. STEDDOM, chief.

Miscellaneous Division: A. M. FARRINGTON, chief.

Pathological Division: JOHN R. MOHLER, chief.

Quarantine Division: RICHARD W. HICKMAN, chief.

Zoological Division: B. H. RANSOM, chief.

Experiment Station: E. C. SCHROEDER, superintendent.

Office of Hog-Cholera Control: O. B. HESS in charge.

Office of Virus-Serum Control: H. J. SHORE in charge.

Office of Accounts: E. J. NEWMYER in charge.

Appointment Section: IRVING W. PEW in charge.

UNIVERSITY OF FLORIDA



3 1262 08850 3601